



STIC Search Report

EIC 1700

STIC Database Tracking Number: 189860

**TO: Rena Dye
Location: REM 10B79
Art Unit : 1774
May 15, 2006**

Case Serial Number: 09/664434

**From: Mrs. Kendra Banks
Location: EIC 1700
REMSEN 4B28
Phone: 571/272-2516
Kendra.Banks@uspto.gov**

Search Notes

No Cases Reported

US 5,807,640

Banks, Kendra

From: Dye, Rena
Sent: Sunday, May 14, 2006 11:25 AM
To: STIC-EIC1700
Subject: 09/664,434

09/664,434

I need a litigation search for this case.

Thanks,

Rena L. Dye
SPE Art Unit 1774
Remsen 10B79
571-272-3186

Current session 15/05/2006

(C) QUESTEL 1994

QUESTEL.ORBIT (TM) 1998

15/05/06 15*30*36

Last connection: 12/05/06 12*19*45

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www.questel.orbit.com -Gateway, documentation & IP resource
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-PatentExaminer enhancement:integration of FamPat database
-IPC version 8 information : see our website documentation
-GBFULL: Fulltext GB Applications released -see Fact Sheet
-2006 Euro and US Dollar price lists available from website
-FamPat:key full text content added; see details on website
..FILE / ..INFO / ..GUIDE

Query/Command : FILE PLUSPAT

QUESTEL - Time in minutes : 0,58

The cost estimation below is based on Questel's
standard price list

	Estimated cost :	0.65 USD
Cost estimated for the last database search :		0.65 USD
Estimated total session cost	:	0.65 USD

Selected file: PLUSPAT

PLUSPAT - (c) Questel-Orbit, All Rights Reserved.
Comprehensive Worldwide Patents database
Individual records for each Country or Patent Office
Coverage: 75 patenting authorities; start dates vary from 1800 forward
For PlusPat Fact Sheet, Pricing and FAQ, see the Questel.Orbit website
Now available: Citations / Search Reports for German (DE) documents
Last update of file: 2006/05/10 (YYYY/MM/DD) 2006-18/UP (last update)

Search statement 1

Query/Command : US5807640/PN**** SS 1: Results 1**

Search statement 2

Query/Command : PRT FULL NONSTOP LEGALALL

1 / 1 PLUSPAT - ©QUESTEL-ORBIT - image

PN - US5807640 A 19980915 [US5807640]

- TI** - (A) Optical recording medium, reproducing system, method of reproducing optical disk, method of fabricating optical disk original record, and method of stopping illegal program operation
- PA** - (A) MATSUSHITA ELECTRIC IND CO LTD (JP)
- PA0** - Matsushita Electric Industrial Company, Ltd., Osaka [JP]
- IN** - (A) UENO FUMIAKI (JP); OSHIMA MITSUAKI (JP)
- AP** - US50749595 19950828 [1995US-0507495]
- FD** - PCT/JP94/02304 19941228 [1994WO-JP02304]
WO95/18443 19950706 [WO9518443]
- PR** - JP2219194 19940120 [1994JP-0022191]
WOJP9402304 19941228 [1994WO-JP02304]
JP10487994 19940418 [1994JP-0104879]
JP15608994 19940707 [1994JP-0156089]
JP29950894 19941202 [1994JP-0299508]
JP33516593 19931228 [1993JP-0335165]
- IC** - (A) B32B-003/00
- ICAA** - G06F-021/00 [2006-01 A - I R M EP]; G11B-007/0037 [2006-01 A - I R M EP]; G11B-007/007 [2006-01 A - I R M EP]; G11B-007/013 [2006-01 A - I R M EP]; G11B-007/26 [2006-01 A - I R M EP]; G11B-011/105 [2006-01 A - I R M EP]; G11B-013/04 [2006-01 A - I R M EP]; G11B-019/02 [2006-01 A - I R M EP]; G11B-019/04 [2006-01 A - I R M EP]; G11B-019/12 [2006-01 A - I R M EP]; G11B-020/00 [2006-01 A - I R M EP]; G11B-020/12 [2006-01 A - I R M EP]; G11B-023/28 [2006-01 A - I R M EP]; G11B-027/034 [2006-01 A - I R M EP]; G11B-027/10 [2006-01 A - I R M EP]; G11B-027/11 [2006-01 A - I R M EP]; G11B-027/24 [2006-01 A - I R M EP]; G11B-027/30 [2006-01 A - I R M EP]; G11B-027/32 [2006-01 A - I R M EP]
G06F-001/00 [2006-01 A - N R M EP]; G11B-007/00 [2006-01 A - N R M EP]; G11B-007/005 [2006-01 A - N R M EP]; G11B-007/28 [2006-01 A - N R M EP]; G11B-020/10 [2006-01 A - N R M EP]; G11B-027/34 [2006-01 A - N R M EP]; G11B-027/36 [2006-01 A - N R M EP]
- ICCA** - G06F-021/00 [2006 C - I R M EP]; G11B-007/00 [2006 C - I R M EP]; G11B-007/007 [2006 C - I R M EP]; G11B-007/013 [2006 C - I R M EP]; G11B-007/26 [2006 C - I R M EP]; G11B-011/00 [2006 C - I R M EP]; G11B-013/00 [2006 C - I R M EP]; G11B-019/02 [2006 C - I R M EP]; G11B-019/04 [2006 C - I R M EP]; G11B-019/12 [2006 C - I R M EP]; G11B-020/00 [2006 C - I R M EP]; G11B-020/12 [2006 C - I R M EP]; G11B-023/28 [2006 C - I R M EP]; G11B-027/031 [2006 C - I R M EP]; G11B-027/10 [2006 C - I R M EP]; G11B-027/11 [2006 C - I R M EP]; G11B-027/19 [2006 C - I R M EP]; G11B-027/30 [2006 C - I R M EP]; G11B-027/32 [2006 C - I R M EP]
G06F-001/00 [2006 C - N R M EP]; G11B-007/28 [2006 C - N R M EP]; G11B-020/10 [2006 C - N R M EP]; G11B-027/34 [2006 C - N R M EP]; G11B-027/36 [2006 C - N R M EP]
- EC** -
G06F-021/00N1D2
G11B-007/0037
G11B-007/007
G11B-007/013
G11B-007/26
G11B-011/105P

G11B-013/04
 G11B-013/04C
 G11B-019/02
 G11B-019/04
 G11B-019/12
 G11B-019/12C
 G11B-020/00P
 G11B-020/12D
 G11B-023/28
 G11B-027/034
 G11B-027/10A1
 G11B-027/10A2
 G11B-027/11
 G11B-027/24
 G11B-027/30C
 G11B-027/30C2
 G11B-027/32D2

ICO - S06F-001/00N1D2D
 S11B-007/00S4M
 S11B-007/0037
 S11B-007/005
 S11B-007/007
 S11B-007/007S
 S11B-007/26
 S11B-007/28
 S11B-011/105P
 S11B-013/04
 S11B-020/10A
 S11B-020/12D25
 S11B-023/28
 S11B-027/034
 S11B-027/10A1
 S11B-027/34
 S11B-027/36

PCL - ORIGINAL (O) : 428064100; CROSS-REFERENCE (X) : 369275100
 369284000 428064200 428064400 428913000

DT - Corresponding document

CT - US4961182; US5410527; US5475664; US5590111; JP56-47907; JP60-55526;
 JP63-168876; JP1-18514; JP1-133265; JP3-159429; JP4-325943; JP5-46991;
 JP5-225567; JP5-289612; JP6-150317

STG - (A) United States patent

AB -
 The present invention provides an optical disk 9 with a duplication preventing function, reproducing system 47 for the optical disk 9, optical disk reproducing method, method of fabricating an optical disk original record, and illegal program operation stopping method. An area in which a CP signal 24 is recorded is made after a signal having a constant pattern in the optical disk, the CP signal 24 being produced such that the center of an eye pattern is shifted from the center of the amplitude. In the reproducing system, CP signal arrangement information 25 or a CP preceding signal 26 is detected, before an offset voltage

is applied to a threshold value to be used in demodulating an RF signal into a digital signal so that the threshold value varies, thus normally reproducing the signal in which center of the eye pater is shifted from the center of the amplitude. The reproducing system has a function whereby the reproduction is stopped when a predetermined offset signal is not reproduced.

1 / 1 LGST - ©EPO

PN - US5807640 A 19980915 [US5807640]
AP - US50749595 19950828 [1995US-0507495]
ACT - 19950828 US/AS02-A
ASSIGNMENT OF ASSIGNOR'S INTEREST
OWNER: MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. 1006 OAZA;
EFFECTIVE DATE: 19950801

19950828 US/AS02-A
ASSIGNMENT OF ASSIGNOR'S INTEREST
OWNER: UENO, FUMIAKI; EFFECTIVE DATE: 19950801

19950828 US/AS02-A
ASSIGNMENT OF ASSIGNOR'S INTEREST
OWNER: OSHIMA, MITSUAKI; EFFECTIVE DATE: 19950801

20010731 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 20000915

20020827 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 20020610

UP - 2003-22

1 / 1 CRXX - ©CLAIMS/RRX

PN - 5,807,640 A 19980915 [US5807640]
PA - Matsushita Electric Industrial Co Ltd JP
ACT - 20000915 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20010731
REISSUE REQUEST NUMBER: 09/664434
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 1774

Reissue Patent Number:

Search statement 2

Query/Command : FILE INPADOC

LGST - Time in minutes : 0,05

The cost estimation below is based on Questel's standard price list

	Estimated cost :	0.06 USD
Records displayed and billed :	1	
	Estimated cost :	0.68 USD
Cost estimated for the last database search :		0.74 USD
Estimated total session cost :		1.39 USD

CRXX - Time in minutes : 0,04

The cost estimation below is based on Questel's standard price list

	Estimated cost :	0.07 USD
Records displayed and billed :	1	
	Estimated cost :	5.80 USD
Cost estimated for the last database search :		5.87 USD
Estimated total session cost :		7.26 USD

LITA - Time in minutes : 0,01

The cost estimation below is based on Questel's standard price list

	Estimated cost :	0.02 USD
Cost estimated for the last database search :		0.02 USD
Estimated total session cost :		7.28 USD

PLUSPAT - Time in minutes : 0,35

The cost estimation below is based on Questel's standard price list

	Estimated cost :	0.99 USD
Records displayed and billed :	1	
	Estimated cost :	1.49 USD
Cost estimated for the last database search :		2.48 USD
Estimated total session cost :		9.76 USD

Selected file: INPADOC

INPADOC International Patent Documentation Center

Source: European Patent Office - EPIDOS

Individual publication stage records for each Patenting Authority

Coverage: 75 patent offices ; start dates vary from 1968 forward

Current through weekly update 2006-19/up ; last update 2006/05/12

IPC Classes: for searching prior to 2006, use the qualifier: /IC

For searching IPC v8 (pd>=2006), use the qualifiers: /ICAA /ICCA

Search statement 1

Query/Command : FAM US5807640/PN

1 Patent Groups

**** SS 1: Results 821**

Search statement 2

Query/Command : PRT SS 1 MAX 1-25 LEGAL

1 / 821 INPADOC - ©INPADOC

Patent Number :

DE 69634218 T2 20060511 [DE69634218]

Title :

Optische Platte mit Barcode

Inventor(s) :

OSHIMA MITSUAKI [JP]; GOTOH YOSHIHO [JP]; TANAKA SHINICHI [JP];
KOISHI KENJI [JP]; MORIYA MITSUROU [JP]; TAKEMURA YOSHINARI [JP]

Patent Assignee (Words) :

MATSUSHITA ELECTRIC IND CO LTD [JP]

Application Details :

DE 69634218/96-A 19961008 [1996DE-6034218]

Priority Details :

JP 261247/95-A 19951009 [1995JP-0261247]
JP 8910/96-A 19960123 [1996JP-0008910]
JP 211304/96-A 19960809 [1996JP-0211304]

No Data Indicator :

IC

1 / 1 LGST - ©EPO

Patent Number :

DE69634218 D1 20050224 [DE69634218]

Application Number :

DE69634218 19961008 [1996DE-6034218]

Action Taken :

20060406 DE/8364-A [+]
NO OPPOSITION DURING TERM OF OPPOSITION
EINSPRUCHSFRIST ABGELAUFEN OHNE DASS EINSPRUCH ERHOBEN WURDE

Update Code :

2006-14

2 / 821 INPADOC - ©INPADOC

Patent Number :

EP 971345 B1 20060503 [EP-971345]

Title :

OPTICAL DISK AND METHOD FOR RECORDING ONTO AN OPTICAL DISK
DISQUE OPTIQUE ET PROCEDE D'ENREGISTREMENT SUR DISQUE OPTIQUE
OPTISCHE PLATTE UND VERFAHREN ZUR AUFZEICHNUNG AUF DER
OPTISCHER PLATTE

Language :

ENG

Inventor(s) :

OSHIMA MITSUAKI [JP]; KONISHI SHINICHI [JP]; TANAKA SHIN-ICHI [JP];
KOISHI KENJI [JP]; MORIYA MITSUROU [JP]; GOTOH YOSHIHO [JP];
TAKEMURA YOSHINARI [JP]; MIYATAKE NORIO [JP]; MURAKAMI
MOTOYOSHI [JP]

Patent Assignee (Words) :

MATSUSHITA ELECTRIC IND CO LTD [JP]

Application Details :

EP 97949124/97-A 19971217 [1997EP-0949124]

Priority Details :

WO 9704664/97(JP)-W 19971217 [1997WO-JP04664]
JP 339304/96-A 19961219 [1996JP-0339304]
JP 9318/97-A 19970122 [1997JP-0009318]
JP 259110/97-A 19970924 [1997JP-0259110]

Designated States :

DE* FR* GB* IT* NL*

No Data Indicator :

IC

1 / 2 LGST - ©EPO

Patent Number :

EP1589532 A 0 [EP1589532]

Application Number :

EP05015971 19971217 [2005EP-0015971]

Action Taken :

20051026 EP/AC-A
DIVISIONAL APPLICATION (ART. 76) OF:
TEILANMELDUNG (ART. 76) AUS:
(EP 0971345 0 [EP-971345])

20051026 EP/AK-A [+]
DESIGNATED CONTRACTING STATES:
BENANNTE VERTRAGSSTAATEN
DE FR GB IT NL

20051026 EP/AX-A [+]
EXTENSION OF THE EUROPEAN PATENT TO
ERSTRECKUNG DES EUROPÄISCHEN PATENTS AUF
AL LT LV MK RO SI

Update Code :

2005-43

2 / 2 LGST - ©EPO

Patent Number :

EP0971345 A1 20000112 [EP-971345]

EP0971345 A4 20021031 [EP-971345]

EP0971345 B1 20060503 [EP-971345]

Application Number :

EP97949124 19971217 [1997EP-0949124]

Action Taken :

20000112 EP/AK-A [+]

DESIGNATED CONTRACTING STATES:

BENANNT VERTRAGSSTAATEN

DE FR GB IT NL

20000112 EP/17P-A [+]

REQUEST FOR EXAMINATION FILED

PRUEFUNGSANTRAG GESTELLT

EFFECTIVE DATE: 19990719

20020828 EP/RIC1-A

CLASSIFICATION (CORRECTION)

KLASSIFIKATION (KORR.)

7G 11B 11/10 A, 7G 11B 7/00 B, 7G 06F 12/14 B, 7G 11B 20/00 B, 7G 11B 7/24 B, 7G

11B 7/007 B, 7G 11B 23/28 B, 7G 11B 19/04 B, 7G 06F 1/00 B

20021031 EP/AK-A [+]

DESIGNATED CONTRACTING STATES:

BENANNT VERTRAGSSTAATEN

DE FR GB IT NL

20021031 EP/A4-A [+]

SUPPLEMENTARY SEARCH REPORT

ERGAENZENDER RECHERCHENBERICHT

20021218 EP/A4-A [+]

SUPPLEMENTARY SEARCH REPORT

ERGAENZENDER RECHERCHENBERICHT

EFFECTIVE DATE: 20021031

20040121 EP/17Q-A [+]

FIRST EXAMINATION REPORT

ERSTER PRUEFUNGSBESCHIED

EFFECTIVE DATE: 20031208

20041013 EP/RIN1-A

INVENTOR (CORRECTION)

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OSHIMA,M115-3,KATSURA MINAMITATSUMICHO

20041013 EP/RIN1-A

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20041013 EP/RIN1-A
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20041013 EP/RIN1-A
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ERFINDER (KORR.)
MURAKAMI, MOTOYOSHI

20051012 EP/RAP1-A
APPLICANT REASSIGNMENT (CORRECTION)
ANMELDER UEBERTRAGUNG (KORR.)
OWNER: MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.

20051012 EP/RIN1-A
INVENTOR (CORRECTION)
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20051012 EP/RIN1-A
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20051012 EP/RIN1-A
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20051019 EP/RIN1-A
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20051019 EP/RIN1-A
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20051019 EP/RIN1-A
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20051019 EP/RIN1-A
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20051019 EP/RIN1-A
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MORIYA, MITSUROU

20051019 EP/RIN1-A
INVENTOR (CORRECTION)
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GOTOH, YOSHIHO

20051019 EP/RIN1-A
INVENTOR (CORRECTION)
ERFINDER (KORR.)
TAKEMURA, YOSHINARI

20051019 EP/RIN1-A
INVENTOR (CORRECTION)
ERFINDER (KORR.)
MIYATAKE, NORIO

20051019 EP/RIN1-A
INVENTOR (CORRECTION)
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MURAKAMI, MOTOYOSHI

20051102 EP/RAP1-A
APPLICANT REASSIGNMENT (CORRECTION)
ANMELDER UEBERTRAGUNG (KORR.)
OWNER: MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.

20051109 EP/RIN1-A
INVENTOR (CORRECTION)
ERFINDER (KORR.)
OSHIMA, MITSUAKI

20051109 EP/RIN1-A
INVENTOR (CORRECTION)
ERFINDER (KORR.)
KONISHI, SHINICHI

20051109 EP/RIN1-A
INVENTOR (CORRECTION)
ERFINDER (KORR.)
TANAKA, SHIN-ICHI

20051109 EP/RIN1-A
INVENTOR (CORRECTION)
ERFINDER (KORR.)
KOISHI, KENJI

20051109 EP/RIN1-A
INVENTOR (CORRECTION)
ERFINDER (KORR.)
MORIYA, MITSUROU

20051109 EP/RIN1-A
INVENTOR (CORRECTION)
ERFINDER (KORR.)
GOTOH, YOSHIHO

20051109 EP/RIN1-A
INVENTOR (CORRECTION)
ERFINDER (KORR.)
TAKEMURA, YOSHINARI

20051109 EP/RIN1-A
INVENTOR (CORRECTION)
ERFINDER (KORR.)
MIYATAKE, NORIO

20051109 EP/RIN1-A
INVENTOR (CORRECTION)
ERFINDER (KORR.)
MURAKAMI, MOTOYOSHI

20060426 EP/RTI1-A
TITLE (CORRECTION)
TITEL (KORR.)
OPTICAL DISK AND METHOD FOR RECORDING ONTO AN OPTICAL DISK

20060503 EP/AK-A [+]
DESIGNATED CONTRACTING STATES:
BENANNTE VERTRAGSSTAATEN
DE FR GB IT NL

20060503 EP/REG-A; GB/FG4D [+]
GB: EUROPEAN PATENT GRANTED
<GB>

Update Code :

2006-19

3 / 821 INPADOC - ©INPADOC

Patent Number :

MX PA00004081 A 20050927 [MX---4081]

Title :

COMMUNICATION SYSTEM.
SISTEMA DE COMUNICACIONES.

Language :

SPA

Inventor(s) :

MITSUAKI OSHIMA [JP]

Patent Assignee (Words) :

MATSUSHITA ELECTRIC IND CO LTD [JP]

Application Details :

MX PA2000004081/00(PA)-A 20000427 [2000MX-PA04081]

Priority Details :

JP 66461/93-A 19930325 [1993JP-0066461]
JP 132984/93-A 19930510 [1993JP-0132984]
JP 261612/93-A 19930924 [1993JP-0261612]
JP 349972/93-A 19931227 [1993JP-0349972]

Intl. Patent Class. :

4N -05//8 A; 4N -05//1 B

4 / 821 INPADOC - ©INPADOC

Patent Number :

MX PA00004076 A 20050927 [MX---4076]

Title :

COMMUNICATION SYSTEM.
SISTEMA DE COMUNICACIONES.

Language :

SPA

Inventor(s) :

MITSUAKI OSHIMA [JP]

Patent Assignee (Words) :

MATSUSHITA ELECTRIC IND CO LTD [JP]

Application Details :

MX PA2000004076/00(PA)-A 20000427 [2000MX-PA04076]

Priority Details :

JP 66461/93-A 19930325 [1993JP-0066461]
JP 132984/93-A 19930510 [1993JP-0132984]
JP 261612/93-A 19930924 [1993JP-0261612]
JP 349972/93-A 19931227 [1993JP-0349972]

Intl. Patent Class. :

4N -05//8 A; 4N -05//1 B

5 / 821 INPADOC - ©INPADOC

Patent Number :

CN 1746990 A 20060315 [CN1746990]

Application Details :

CN 10089569/05-A 19941228 [2005CN-0089569]

Priority Details :

JP 335165/93-A 19931228 [1993JP-0335165]

No Data Indicator :

IC IC IC TI IN IV PA AS AR

*6 / 821 INPADOC - ©INPADOC***Patent Number :**

CN 1746989 A 20060315 [CN1746989]

Application Details :

CN 10089568/05-A 19941228 [2005CN-0089568]

Priority Details :

JP 335165/93-A 19931228 [1993JP-0335165]

No Data Indicator :

IC IC IC TI IN IV PA AS AR

*7 / 821 INPADOC - ©INPADOC***Patent Number :**

MX PA00007354 A 20050826 [MX---7354]

Title :COMMUNICATION SYSTEM.
SISTEMA DE COMUNICACIONES.**Language :**

SPA

Inventor(s) :

MITSUAKI OSHIMA [JP]

Patent Assignee (Words) :

MATSUSHITA ELECTRIC IND CO LTD [JP]

Application Details :

MX PA2000007354/00(PA)-A 20000727 [2000MX-PA07354]

Priority Details :

JP 66461/93-A 19930325 [1993JP-0066461]

JP 132984/93-A 19930510 [1993JP-0132984]

JP 261612/93-A 19930924 [1993JP-0261612]

JP 349972/93-A 19931227 [1993JP-0349972]

Intl. Patent Class. :

H04L-027/02; H04L-005/06; H04L-027/18; H04L-027/26; H04L-027/34; H04L-027/38

8 / 821 INPADOC - ©INPADOC

Patent Number :

DE 69333977 C0 20060420 [DE69333977]

Title :

bertragung mit mehreren Auflösungen sowie fehlerkorrigierende Kodierung, bei Mehrtragsignalen

Inventor(s) :

OSHIMA MITSUAKI [JP]

Patent Assignee (Words) :

MATSUSHITA ELECTRIC IND CO LTD [JP]

Application Details :

DE 69333977/93-A 19930326 [1993DE-6033977]

Priority Details :

JP 67934/92-A 19920326 [1992JP-0067934]

JP 256070/92-A 19920925 [1992JP-0256070]

No Data Indicator :

IC

1 / 1 LGST - ©EPO

Patent Number :

EP1330089 A2 20030723 [EP1330089]

EP1330089 A3 20030813 [EP1330089]

EP1330089 B1 20060208 [EP1330089]

Application Number :

EP03009281 19930326 [2003EP-0009281]

Action Taken :

20030723 EP/AC-A

DIVISIONAL APPLICATION (ART. 76) OF:
TEILANMELDUNG (ART. 76) AUS:
(EP 1154608 [EP1154608])

20030723 EP/AC-A

DIVISIONAL APPLICATION (ART. 76) OF:
TEILANMELDUNG (ART. 76) AUS:
(EP 0562875 [EP-562875])

20030723 EP/AK-A [+]

DESIGNATED CONTRACTING STATES:
BENANNTE VERTRAGSSTAATEN
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

20030813 EP/AK-A [+]

DESIGNATED CONTRACTING STATES:
BENANNTE VERTRAGSSTAATEN
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

20030813 EP/RIC1-A
CLASSIFICATION (CORRECTION)
KLASSIFIKATION (KORR.)
7 H04L-027/26 A

20040414 EP/17P-A [+]
REQUEST FOR EXAMINATION FILED
PRUEFUNGSANTRAG GESTELLT
EFFECTIVE DATE: 20040213

20040506 EP/AKX-A [+]
PAYMENT OF DESIGNATION FEES
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

20050413 EP/17Q-A
FIRST EXAMINATION REPORT
ERSTER PRUEFUNGSBESCHEID
EFFECTIVE DATE: 20050225

20050817 EP/RTI1-A
TITLE (CORRECTION)
TITEL (KORR.)
MULTIRESOLUTION TRANSMISSION AND ERROR CORRECTION CODING
WITH MULTICARRIER SIGNALS

20060118 EP/RIN1-A
INVENTOR (CORRECTION)
ERFINDER (KORR.)
OSHIMA, MITSUAKI

20060208 EP/AC-A
DIVISIONAL APPLICATION (ART. 76) OF:
TEILANMELDUNG (ART. 76) AUS:
(EP 1154608 0 [EP1154608])

20060208 EP/AC-A
DIVISIONAL APPLICATION (ART. 76) OF:
TEILANMELDUNG (ART. 76) AUS:
(EP 0562875 0 [EP-562875])

20060208 EP/AK-A [+]
DESIGNATED CONTRACTING STATES:
BENANNTE VERTRAGSSTAATEN
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

20060208 EP/REG-A; GB/FG4D [+]
GB: EUROPEAN PATENT GRANTED
<GB>

20060215 EP/REG-A; CH/EP [+]

CH: ENTRY IN THE NATIONAL PHASE
CH: EINTRITT IN DIE NATIONALE PHASE
<CH>

20060308 EP/REG-A; IE/FG4D [+]
IE: EUROPEAN PATENTS GRANTED DESIGNATING IRELAND
<IE>

20060413 EP/REG-A; CH/NV
CH: NEW AGENT
CH: NEUER VERTRETER/NOUVEAUX MANDATAIRES/NUOVI MANDATARI
<CH>
REPRESENTATIVE: NOVAGRAAF INTERNATIONAL SA

20060420 EP/REF-A
CORRESPONDS TO:
ENTSPRICHT
(DE 69333977 20060420 [DE69333977])

Update Code :

2006-16

9 / 821 INPADOC - ©INPADOC

Patent Number :

DE 69333976 C0 20060420 [DE69333976]

Title :

Hierarchische bertragung mit Mehrtrgermodulation sowie Fehlerkorrekturkodierung

Inventor(s) :

OSHIMA MITSUAKI [JP]

Patent Assignee (Words) :

MATSUSHITA ELECTRIC IND CO LTD [JP]

Application Details :

DE 69333976/93-A 19930924 [1993DE-6033976]

Priority Details :

JP 256070/92-A 19920925 [1992JP-0256070]

JP 66461/93-A 19930325 [1993JP-0066461]

JP 132984/93-A 19930510 [1993JP-0132984]

No Data Indicator :

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1 / 1 LGST - ©EPO

Patent Number :

EP1257104 A2 20021113 [EP1257104]

EP1257104 A3 20030917 [EP1257104]

EP1257104 B1 20060208 [EP1257104]

Application Number :

EP02017963 19930924 [2002EP-0017963]

Action Taken :

20021113 EP/AC-A
DIVISIONAL APPLICATION (ART. 76) OF:
TEILANMELDUNG (ART. 76) AUS:
(EP 589709 [EP-589709])

20021113 EP/AC-A
DIVISIONAL APPLICATION (ART. 76) OF:
TEILANMELDUNG (ART. 76) AUS:
(EP 1035693 [EP1035693])

20021113 EP/AK-A [+]
DESIGNATED CONTRACTING STATES:
BENANNTTE VERTRAGSSTAATEN
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

20030910 EP/RIC1-A
CLASSIFICATION (CORRECTION)
KLASSIFIKATION (KORR.)
7 H04L-027/26 A

20030917 EP/AK-A [+]
DESIGNATED CONTRACTING STATES:
BENANNTTE VERTRAGSSTAATEN
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

20040519 EP/17P-A [+]
REQUEST FOR EXAMINATION FILED
PRUEFUNGSANTRAG GESTELLT
EFFECTIVE DATE: 20040317

20040609 EP/AKX-A [+]
PAYMENT OF DESIGNATION FEES
ZAHLUNG VON BENENNUNGSGEBUHREN
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

20050406 EP/17Q-A
FIRST EXAMINATION REPORT
ERSTER PRUEFUNGSBESCHEID
EFFECTIVE DATE: 20050222

20060208 EP/AC-A
DIVISIONAL APPLICATION (ART. 76) OF:
TEILANMELDUNG (ART. 76) AUS:
(EP 1035693 0 [EP1035693])

20060208 EP/AC-A
DIVISIONAL APPLICATION (ART. 76) OF:
TEILANMELDUNG (ART. 76) AUS:

(EP 0589709 0 [EP-589709])

20060208 EP/AK-A [+]

DESIGNATED CONTRACTING STATES:

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AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

20060208 EP/REG-A; GB/FG4D [+]

GB: EUROPEAN PATENT GRANTED

<GB>

20060215 EP/REG-A; CH/EP [+]

CH: ENTRY IN THE NATIONAL PHASE

CH: EINTRITT IN DIE NATIONALE PHASE

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20060308 EP/REG-A; IE/FG4D [+]

IE: EUROPEAN PATENTS GRANTED DESIGNATING IRELAND

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20060413 EP/REG-A; CH/NV

CH: NEW AGENT

CH: NEUER VERTRETER/NOUVEAUX MANDATAIRES/NUOVI MANDATARI

<CH>

REPRESENTATIVE: NOVAGRAAF INTERNATIONAL SA

20060420 EP/REF-A

CORRESPONDS TO:

ENTSPRICHT

(DE 69333976 20060420 [DE69333976])

Update Code :

2006-16

10 / 821 INPADOC - ©INPADOC

Patent Number :

DE 69333972 C0 20060413 [DE69333972]

Title :

Mehraufhebungsbertragung mit Mehrtrgermodulation

Inventor(s) :

OSHIMA MITSUAKI [JP]

Patent Assignee (Words) :

MATSUSHITA ELECTRIC IND CO LTD [JP]

Application Details :

DE 69333972/93-A 19930326 [1993DE-6033972]

Priority Details :

JP 67934/92-A 19920326 [1992JP-0067934]

JP 256070/92-A 19920925 [1992JP-0256070]

No Data Indicator :

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*11 / 821 INPADOC - ©INPADOC***Patent Number :**

DE 69333971 C0 20060413 [DE69333971]

Title :

bertragung mit mehreren Auflösungen

Inventor(s) :

OSHIMA MITSUAKI [JP]

Patent Assignee (Words) :

MATSUSHITA ELECTRIC IND CO LTD [JP]

Application Details :

DE 69333971/93-A 19930326 [1993DE-6033971]

Priority Details :

JP 67934/92-A 19920326 [1992JP-0067934]

JP 256070/92-A 19920925 [1992JP-0256070]

No Data Indicator :

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*1 / 1 LGST - ©EPO***Patent Number :**

EP1330088 A2 20030723 [EP1330088]

EP1330088 A3 20030813 [EP1330088]

EP1330088 B1 20060201 [EP1330088]

Application Number :

EP03009280 19930326 [2003EP-0009280]

Action Taken :

20030723 EP/AC-A

DIVISIONAL APPLICATION (ART. 76) OF:

TEILANMELDUNG (ART. 76) AUS:

(EP 1154608 [EP1154608])

20030723 EP/AC-A

DIVISIONAL APPLICATION (ART. 76) OF:

TEILANMELDUNG (ART. 76) AUS:

(EP 0562875 [EP-562875])

20030723 EP/AK-A [+]

DESIGNATED CONTRACTING STATES:

BENANNTE VERTRAGSSTAATEN

AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

20030813 EP/AK-A [+]

DESIGNATED CONTRACTING STATES:
BENANNTTE VERTRAGSSTAATEN
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

20030813 EP/RIC1-A
CLASSIFICATION (CORRECTION)
KLASSIFIKATION (KORR.)
7 H04L-027/26 A

20040414 EP/17P-A [+]
REQUEST FOR EXAMINATION FILED
PRUEFUNGSANTRAG GESTELLT
EFFECTIVE DATE: 20040213

20040506 EP/AKX-A [+]
PAYMENT OF DESIGNATION FEES
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

20050413 EP/17Q-A
FIRST EXAMINATION REPORT
ERSTER PRUEFUNGSBESCHEID
EFFECTIVE DATE: 20050225

20060111 EP/RIN1-A
INVENTOR (CORRECTION)
ERFINDER (KORR.)
OSHIMA, MITSUAKI

20060201 EP/AC-A
DIVISIONAL APPLICATION (ART. 76) OF:
TEILANMELDUNG (ART. 76) AUS:
(EP 1154608 0 [EP1154608])

20060201 EP/AC-A
DIVISIONAL APPLICATION (ART. 76) OF:
TEILANMELDUNG (ART. 76) AUS:
(EP 0562875 0 [EP-562875])

20060201 EP/AK-A [+]
DESIGNATED CONTRACTING STATES:
BENANNTTE VERTRAGSSTAATEN
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

20060201 EP/REG-A; GB/FG4D [+]
GB: EUROPEAN PATENT GRANTED
<GB>

20060215 EP/REG-A; CH/EP [+]
CH: ENTRY IN THE NATIONAL PHASE
CH: EINTRITT IN DIE NATIONALE PHASE
<CH>

20060308 EP/REG-A; IE/FG4D [+]
IE: EUROPEAN PATENTS GRANTED DESIGNATING IRELAND
<IE>

20060315 EP/REG-A; CH/NV
CH: NEW AGENT
CH: NEUER VERTRETER/NOUVEAUX MANDATAIRES/NUOVI MANDATARI
<CH>
REPRESENTATIVE: NOVAGRAAF INTERNATIONAL SA

20060413 EP/REF-A
CORRESPONDS TO:
ENTSPRICHT
(DE 69333971 20060413 [DE69333971])

Update Code :

2006-15

12 / 821 INPADOC - ©INPADOC

Patent Number :

HK 1039852 A1 20060310 [HK1039852]

Title :

Signal transmitting and receiving apparatus, system and method

Inventor(s) :

OSHIMA MITSUAKI

Patent Assignee (Words) :

MATSUSHITA ELECTRIC IND CO LTD [JP]

Application Details :

HK 2002100549/02-A 20020124 [2002HK-0100549]

Priority Details :

JP 66461/93-A 19930325 [1993JP-0066461]
JP 132984/93-A 19930510 [1993JP-0132984]
JP 261612/93-A 19930924 [1993JP-0261612]

Intl. Patent Class. :

H04N-000/00; H04L-000/00

13 / 821 INPADOC - ©INPADOC

Patent Number :

CN 1240220 C 20060201 [CN1240220]

Application Details :

CN 2000133828/00-A 19940325 [2000CN-0133828]

Priority Details :

JP 66461/93-A 19930325 [1993JP-0066461]
JP 132984/93-A 19930510 [1993JP-0132984]

JP 261612/93-A 19930924 [1993JP-0261612]

No Data Indicator :

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14 / 821 INPADOC - ©INPADOC

Patent Number :

AT 317617 E 20060215 [ATE317617]

Title :

BERTRAGUNG MIT MEHREREN AUFLSUNGEN SOWIE
FEHLERKORRIEGIERENDE KODIERUNG, BEI MEHRTRGERSIGNALEN

Inventor(s) :

OSHIMA MITSUAKI [JP]

Patent Assignee (Words) :

MATSUSHITA ELECTRIC IND CO LTD [JP]

Application Details :

AT 3009281/03-EP 19930326 [2003EP-0009281]

Priority Details :

JP 67934/92-A 19920326 [1992JP-0067934]

JP 256070/92-A 19920925 [1992JP-0256070]

Intl. Patent Class. :

H04L-027/26

15 / 821 INPADOC - ©INPADOC

Patent Number :

AT 317616 E 20060215 [ATE317616]

Title :

HIERARCHISCHE BERTRAGUNG MIT MEHRTRGERMODULATION SOWIE
FEHLERKORREKTURKODIERUNG

Inventor(s) :

OSHIMA MITSUAKI [JP]

Patent Assignee (Words) :

MATSUSHITA ELECTRIC IND CO LTD [JP]

Application Details :

AT 2017963/02-EP 19930924 [2002EP-0017963]

Priority Details :

JP 256070/92-A 19920925 [1992JP-0256070]

JP 66461/93-A 19930325 [1993JP-0066461]

JP 132984/93-A 19930510 [1993JP-0132984]

Intl. Patent Class. :

H04L-027/26

16 / 821 INPADOC - ©INPADOC

Patent Number :

AT 317193 E 20060215 [ATE317193]

Title :

MEHRAUFLUNGSBERTRAGUNG MIT MEHRTRGERMODULATION

Inventor(s) :

OSHIMA MITSUAKI [JP]

Patent Assignee (Words) :

MATSUSHITA ELECTRIC IND CO LTD [JP]

Application Details :

AT 3009282/03-EP 19930326 [2003EP-0009282]

Priority Details :

JP 67934/92-A 19920326 [1992JP-0067934]

JP 256070/92-A 19920925 [1992JP-0256070]

Intl. Patent Class. :

H04L-027/26

17 / 821 INPADOC - ©INPADOC

Patent Number :

AT 317192 E 20060215 [ATE317192]

Title :

BERTRAGUNG MIT MEHREREN AUFLSUNGEN

Inventor(s) :

OSHIMA MITSUAKI [JP]

Patent Assignee (Words) :

MATSUSHITA ELECTRIC IND CO LTD [JP]

Application Details :

AT 3009280/03-EP 19930326 [2003EP-0009280]

Priority Details :

JP 67934/92-A 19920326 [1992JP-0067934]

JP 256070/92-A 19920925 [1992JP-0256070]

Intl. Patent Class. :

H04L-027/26

18 / 821 INPADOC - ©INPADOC

Patent Number :

HK 1039012 A1 20060113 [HK1039012]

Title :

Communication system

Inventor(s) :

OSHIMA MITSUAKI

Patent Assignee (Words) :

MATSUSHITA ELECTRIC IND CO LTD [JP]

Application Details :

HK 2002100550/02-A 20020124 [2002HK-0100550]

Priority Details :

JP 66461/93-A 19930325 [1993JP-0066461]

JP 132984/93-A 19930510 [1993JP-0132984]

JP 261612/93-A 19930924 [1993JP-0261612]

Intl. Patent Class. :

H04N-000/00; H04L-000/00

*19 / 821 INPADOC - ©INPADOC***Patent Number :**

HK 1029850 A1 20060113 [HK1029850]

Title :

Communication system

Inventor(s) :

OSHIMA MITSUAKI

Patent Assignee (Words) :

MATSUSHITA ELECTRIC IND CO LTD [JP]

Application Details :

HK 2002100546/02-A 20020124 [2002HK-0100546]

Priority Details :

JP 66461/93-A 19930325 [1993JP-0066461]

JP 132984/93-A 19930510 [1993JP-0132984]

JP 261612/93-A 19930924 [1993JP-0261612]

Intl. Patent Class. :

H04N-000/00; H04L-000/00

*20 / 821 INPADOC - ©INPADOC***Patent Number :**

EP 1330089 B1 20060208 [EP1330089]

Title :

Multiresolution transmission and error correction coding with multicarrier signals
Transmission multirésolution et codage correction d'erreurs avec signaux multiporteurs
bertragung mit mehreren Aufslungen sowie fehlerkorriegierende Kodierung, bei
Mehrtrgersignalen

Language :

ENG

Inventor(s) :

OSHIMA MITSUAKI [JP]

Patent Assignee (Words) :

MATSUSHITA ELECTRIC IND CO LTD [JP]

Application Details :

EP 03009281/03-A 19930326 [2003EP-0009281]

Priority Details :

EP 01118510/01-A3 19930326 [2001EP-0118510]

EP 93302369/93-A3 19930326 [1993EP-0302369]

JP 67934/92-A 19920326 [1992JP-0067934]

JP 256070/92-A 19920925 [1992JP-0256070]

Designated States :

AT* BE* CH* DE* DK* ES* FR* GB* GR* IE* IT* LI* LU* MC* NL* PT* SE*

No Data Indicator :

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1 / 1 LGST - ©EPO

Patent Number :

EP1330089 A2 20030723 [EP1330089]

EP1330089 A3 20030813 [EP1330089]

EP1330089 B1 20060208 [EP1330089]

Application Number :

EP03009281 19930326 [2003EP-0009281]

Action Taken :

20030723 EP/AC-A

DIVISIONAL APPLICATION (ART. 76) OF:

TEILANMELDUNG (ART. 76) AUS:

(EP 1154608 [EP1154608])

20030723 EP/AC-A

DIVISIONAL APPLICATION (ART. 76) OF:

TEILANMELDUNG (ART. 76) AUS:

(EP 0562875 [EP-562875])

20030723 EP/AK-A [+]

DESIGNATED CONTRACTING STATES:

BENANNTE VERTRAGSSTAATEN

AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

20030813 EP/AK-A [+]

DESIGNATED CONTRACTING STATES:

BENANNTE VERTRAGSSTAATEN

AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

20030813 EP/RIC1-A

CLASSIFICATION (CORRECTION)

KLASSIFIKATION (KORR.)

7 H04L-027/26 A

20040414 EP/17P-A [+]

REQUEST FOR EXAMINATION FILED
PRUEFUNGSANTRAG GESTELLT
EFFECTIVE DATE: 20040213

20040506 EP/AKX-A [+]
PAYMENT OF DESIGNATION FEES
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

20050413 EP/17Q-A
FIRST EXAMINATION REPORT
ERSTER PRUEFUNGSBESCHEID
EFFECTIVE DATE: 20050225

20050817 EP/RTI1-A
TITLE (CORRECTION)
TITEL (KORR.)
MULTIRESOLUTION TRANSMISSION AND ERROR CORRECTION CODING
WITH MULTICARRIER SIGNALS

20060118 EP/RIN1-A
INVENTOR (CORRECTION)
ERFINDER (KORR.)
OSHIMA, MITSUAKI

20060208 EP/AC-A
DIVISIONAL APPLICATION (ART. 76) OF:
TEILANMELDUNG (ART. 76) AUS:
(EP 1154608 0 [EP1154608])

20060208 EP/AC-A
DIVISIONAL APPLICATION (ART. 76) OF:
TEILANMELDUNG (ART. 76) AUS:
(EP 0562875 0 [EP-562875])

20060208 EP/AK-A [+]
DESIGNATED CONTRACTING STATES:
BENANNT VERTRAGSSTAATEN
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

20060208 EP/REG-A; GB/FG4D [+]
GB: EUROPEAN PATENT GRANTED
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CH: ENTRY IN THE NATIONAL PHASE
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IE: EUROPEAN PATENTS GRANTED DESIGNATING IRELAND
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20060413 EP/REG-A; CH/NV

CH: NEW AGENT

CH: NEUER VERTRETER/NOUVEAUX MANDATAIRES/NUOVI MANDATARI

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REPRESENTATIVE: NOVAGRAAF INTERNATIONAL SA

20060420 EP/REF-A

CORRESPONDS TO:

ENTSPRICHT

(DE 69333977 20060420 [DE69333977])

Update Code :

2006-16

21 / 821 INPADOC - ©INPADOC

Patent Number :

EP 1257104 B1 20060208 [EP1257104]

Title :

Heirarchical transmission with multicarrier modulation and error correction coding
Transmission hirarchique avec modulation multiporteuse et codage correcteur d'erreurs
Hierarchische bertragung mit Mehrtrgermodulation sowie Fehlerkorrekturkodierung

Language :

ENG

Inventor(s) :

OSHIMA MITSUAKI [JP]

Patent Assignee (Words) :

MATSUSHITA ELECTRIC IND CO LTD [JP]

Application Details :

EP 02017963/02-A 19930924 [2002EP-0017963]

Priority Details :

EP 114572/00-A3 19930924 [2000EP-0114572]

EP 93307575/93-A3 19930924 [1993EP-0307575]

JP 256070/92-A 19920925 [1992JP-0256070]

JP 66461/93-A 19930325 [1993JP-0066461]

JP 132984/93-A 19930510 [1993JP-0132984]

Designated States :

AT* BE* CH* DE* DK* ES* FR* GB* GR* IE* IT* LI* LU* MC* NL* PT* SE*

No Data Indicator :

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1 / 1 LGST - ©EPO

Patent Number :

EP1257104 A2 20021113 [EP1257104]

EP1257104 A3 20030917 [EP1257104]

EP1257104 B1 20060208 [EP1257104]

Application Number :

EP02017963 19930924 [2002EP-0017963]

Action Taken :

20021113 EP/AC-A

DIVISIONAL APPLICATION (ART. 76) OF:
TEILANMELDUNG (ART. 76) AUS:
(EP 589709 [EP-589709])

20021113 EP/AC-A

DIVISIONAL APPLICATION (ART. 76) OF:
TEILANMELDUNG (ART. 76) AUS:
(EP 1035693 [EP1035693])

20021113 EP/AK-A [+]

DESIGNATED CONTRACTING STATES:
BENANNT VERTRAGSSTAATEN
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

20030910 EP/RIC1-A

CLASSIFICATION (CORRECTION)
KLASSIFIKATION (KORR.)
7 H04L-027/26 A

20030917 EP/AK-A [+]

DESIGNATED CONTRACTING STATES:
BENANNT VERTRAGSSTAATEN
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

20040519 EP/17P-A [+]

REQUEST FOR EXAMINATION FILED
PRUEFUNGSANTRAG GESTELLT
EFFECTIVE DATE: 20040317

20040609 EP/AKX-A [+]

PAYMENT OF DESIGNATION FEES
ZAHLUNG VON BENENNUNGSGEBUHREN
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

20050406 EP/17Q-A

FIRST EXAMINATION REPORT
ERSTER PRUEFUNGSBESCHEID
EFFECTIVE DATE: 20050222

20060208 EP/AC-A

DIVISIONAL APPLICATION (ART. 76) OF:
TEILANMELDUNG (ART. 76) AUS:
(EP 1035693 0 [EP1035693])

20060208 EP/AC-A

DIVISIONAL APPLICATION (ART. 76) OF:
TEILANMELDUNG (ART. 76) AUS:
(EP 0589709 0 [EP-589709])

20060208 EP/AK-A [+]
DESIGNATED CONTRACTING STATES:
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GB: EUROPEAN PATENT GRANTED
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20060308 EP/REG-A; IE/FG4D [+]
IE: EUROPEAN PATENTS GRANTED DESIGNATING IRELAND
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20060413 EP/REG-A; CH/NV
CH: NEW AGENT
CH: NEUER VERTRETER/NOUVEAUX MANDATAIRES/NUOVI MANDATARI
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REPRESENTATIVE: NOVAGRAAF INTERNATIONAL SA

20060420 EP/REF-A
CORRESPONDS TO:
ENTSPRICHT
(DE 69333976 20060420 [DE69333976])

Update Code :

2006-16

22 / 821 INPADOC - ©INPADOC

Patent Number :

EP 1330090 B1 20060201 [EP1330090]

Title :

Multiresolution transmission with multicarrier modulation
Transmission multirésolution modulation multiporteuse
Mehrauflungsübertragung mit Mehrträgermodulation

Language :

ENG

Inventor(s) :

OSHIMA MITSUAKI [JP]

Patent Assignee (Words) :

MATSUSHITA ELECTRIC IND CO LTD [JP]

Application Details :

EP 03009282/03-A 19930326 [2003EP-0009282]

Priority Details :

EP 01118510/01-A3 19930326 [2001EP-0118510]

EP 93302369/93-A3 19930326 [1993EP-0302369]

JP 67934/92-A 19920326 [1992JP-0067934]

JP 256070/92-A 19920925 [1992JP-0256070]

Designated States :

AT* BE* CH* DE* DK* ES* FR* GB* GR* IE* IT* LI* LU* MC* NL* PT* SE*

No Data Indicator :

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1 / 1 LGST - ©EPO

Patent Number :

EP1330090 A2 20030723 [EP1330090]

EP1330090 A3 20030813 [EP1330090]

EP1330090 B1 20060201 [EP1330090]

Application Number :

EP03009282 19930326 [2003EP-0009282]

Action Taken :

20030723 EP/AC-A

DIVISIONAL APPLICATION (ART. 76) OF:

TEILANMELDUNG (ART. 76) AUS:

(EP 1154608 [EP1154608])

20030723 EP/AC-A

DIVISIONAL APPLICATION (ART. 76) OF:

TEILANMELDUNG (ART. 76) AUS:

(EP 0562875 [EP-562875])

20030723 EP/AK-A [+]

DESIGNATED CONTRACTING STATES:

BENANNTE VERTRAGSSTAATEN

AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

20030813 EP/AK-A [+]

DESIGNATED CONTRACTING STATES:

BENANNTE VERTRAGSSTAATEN

AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

20040414 EP/17P-A [+]

REQUEST FOR EXAMINATION FILED

PRUEFUNGSANTRAG GESTELLT

EFFECTIVE DATE: 20040213

20040506 EP/AKX-A [+]

PAYMENT OF DESIGNATION FEES
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

20050413 EP/17Q-A
FIRST EXAMINATION REPORT
ERSTER PRUEFUNGSBESCHEID
EFFECTIVE DATE: 20050225

20060111 EP/RIN1-A
INVENTOR (CORRECTION)
ERFINDER (KORR.)
OSHIMA, MITSUAKI

20060201 EP/AC-A
DIVISIONAL APPLICATION (ART. 76) OF:
TEILANMELDUNG (ART. 76) AUS:
(EP 1154608 0 [EP1154608])

20060201 EP/AC-A
DIVISIONAL APPLICATION (ART. 76) OF:
TEILANMELDUNG (ART. 76) AUS:
(EP 0562875 0 [EP-562875])

20060201 EP/AK-A [+]
DESIGNATED CONTRACTING STATES:
BENANNT VERTRAGSSTAATEN
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

20060201 EP/REG-A; GB/FG4D [+]
GB: EUROPEAN PATENT GRANTED
<GB>

20060215 EP/REG-A; CH/EP [+]
CH: ENTRY IN THE NATIONAL PHASE
CH: EINTRITT IN DIE NATIONALE PHASE
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20060308 EP/REG-A; IE/FG4D [+]
IE: EUROPEAN PATENTS GRANTED DESIGNATING IRELAND
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20060413 EP/REF-A
CORRESPONDS TO:
ENTSPRICHT
(DE 69333972 20060413 [DE69333972])

20060413 EP/REG-A; CH/NV
CH: NEW AGENT
CH: NEUER VERTRETER/NOUVEAUX MANDATAIRES/NUOVI MANDATARI
<CH>
REPRESENTATIVE: NOVAGRAAF INTERNATIONAL SA

Update Code :

2006-16

*23 / 821 INPADOC - ©INPADOC***Patent Number :**

EP 1330088 B1 20060201 [EP1330088]

Title :

Multiresolution transmission
Transmission multiresolution
bertragung mit mehreren Auflösungen

Language :

ENG

Inventor(s) :

OSHIMA MITSUAKI [JP]

Patent Assignee (Words) :

MATSUSHITA ELECTRIC IND CO LTD [JP]

Application Details :

EP 03009280/03-A 19930326 [2003EP-0009280]

Priority Details :

EP 01118510/01-A3 19930326 [2001EP-0118510]
EP 93302369/93-A3 19930326 [1993EP-0302369]
JP 67934/92-A 19920326 [1992JP-0067934]
JP 256070/92-A 19920925 [1992JP-0256070]

Designated States :

AT* BE* CH* DE* DK* ES* FR* GB* GR* IE* IT* LI* LU* MC* NL* PT* SE*

No Data Indicator :

IC

*1 / 1 LGST - ©EPO***Patent Number :**

EP1330088 A2 20030723 [EP1330088]
EP1330088 A3 20030813 [EP1330088]
EP1330088 B1 20060201 [EP1330088]

Application Number :

EP03009280 19930326 [2003EP-0009280]

Action Taken :

20030723 EP/AC-A
DIVISIONAL APPLICATION (ART. 76) OF:
TEILANMELDUNG (ART. 76) AUS:
(EP 1154608 [EP1154608])

20030723 EP/AC-A
DIVISIONAL APPLICATION (ART. 76) OF:

TEILANMELDUNG (ART. 76) AUS:
(EP 0562875 [EP-562875])

20030723 EP/AK-A [+]
DESIGNATED CONTRACTING STATES:
BENANNT VERTRAGSSTAATEN
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

20030813 EP/AK-A [+]
DESIGNATED CONTRACTING STATES:
BENANNT VERTRAGSSTAATEN
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

20030813 EP/RIC1-A
CLASSIFICATION (CORRECTION)
KLASSIFIKATION (KORR.)
7 H04L-027/26 A

20040414 EP/17P-A [+]
REQUEST FOR EXAMINATION FILED
PRUEFUNGSANTRAG GESTELLT
EFFECTIVE DATE: 20040213

20040506 EP/AKX-A [+]
PAYMENT OF DESIGNATION FEES
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

20050413 EP/17Q-A
FIRST EXAMINATION REPORT
ERSTER PRUEFUNGSBESCHEID
EFFECTIVE DATE: 20050225

20060111 EP/RIN1-A
INVENTOR (CORRECTION)
ERFINDER (KORR.)
OSHIMA, MITSUAKI

20060201 EP/AC-A
DIVISIONAL APPLICATION (ART. 76) OF:
TEILANMELDUNG (ART. 76) AUS:
(EP 1154608 0 [EP1154608])

20060201 EP/AC-A
DIVISIONAL APPLICATION (ART. 76) OF:
TEILANMELDUNG (ART. 76) AUS:
(EP 0562875 0 [EP-562875])

20060201 EP/AK-A [+]
DESIGNATED CONTRACTING STATES:
BENANNT VERTRAGSSTAATEN
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

20060201 EP/REG-A; GB/FG4D [+]
GB: EUROPEAN PATENT GRANTED
<GB>

20060215 EP/REG-A; CH/EP [+]
CH: ENTRY IN THE NATIONAL PHASE
CH: EINTRITT IN DIE NATIONALE PHASE
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20060308 EP/REG-A; IE/FG4D [+]
IE: EUROPEAN PATENTS GRANTED DESIGNATING IRELAND
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20060315 EP/REG-A; CH/NV
CH: NEW AGENT
CH: NEUER VERTRETER/NOUVEAUX MANDATAIRES/NUOVI MANDATARI
<CH>
REPRESENTATIVE: NOVAGRAAF INTERNATIONAL SA

20060413 EP/REF-A
CORRESPONDS TO:
ENTSPRICHT
(DE 69333971 20060413 [DE69333971])

Update Code :

2006-15

24 / 821 INPADOC - ©INPADOC

Patent Number :

EP 1359761 A3 20060118 [EP1359761]

Title :

Signal transmission system
Système de transmission de signal
Signalübertragungssystem

Language :

ENG

Inventor(s) :

OSHIMA MITSUAKI [JP]

Patent Assignee (Words) :

MATSUSHITA ELECTRIC IND CO LTD [JP]

Application Details :

EP 03014240/03-A 19920326 [2003EP-0014240]

Priority Details :

EP 99119278/99-A3 19920326 [1999EP-0119278]
EP 96119060/96-A3 19920326 [1996EP-0119060]
JP 62798/91-A 19910327 [1991JP-0062798]

JP 95813/91-A 19910425 [1991JP-0095813]
JP 155650/91-A 19910529 [1991JP-0155650]
JP 182236/91-A 19910723 [1991JP-0182236]
JP 60739/92-A 19920317 [1992JP-0060739]

Designated States :

DE* FR* GB* NL*

No Data Indicator :

IC

1 / 1 LGST - ©EPO

Patent Number :

EP1359761 A2 20031105 [EP1359761]
EP1359761 A3 20060118 [EP1359761]

Application Number :

EP03014240 19920326 [2003EP-0014240]

Action Taken :

20031105 EP/AC-A
DIVISIONAL APPLICATION (ART. 76) OF:
TEILANMELDUNG (ART. 76) AUS:
(EP 0973335 [EP-973335])

20031105 EP/AC-A
DIVISIONAL APPLICATION (ART. 76) OF:
TEILANMELDUNG (ART. 76) AUS:
(EP 0766478 [EP-766478])

20031105 EP/AK-A [+]
DESIGNATED CONTRACTING STATES:
BENANNTE VERTRAGSSTAATEN
DE FR GB NL

20060118 EP/AK-A [+]
DESIGNATED CONTRACTING STATES:
BENANNTE VERTRAGSSTAATEN
DE FR GB NL

20060118 EP/RIC1-A
CLASSIFICATION (CORRECTION)
KLASSIFIKATION (KORR.)
H04N-007/2420060101AFI20030916BHEP

20060118 EP/RIC1-A
CLASSIFICATION (CORRECTION)
KLASSIFIKATION (KORR.)
H04L-027/3420060101ALI20051201BHEP

20060118 EP/RIC1-A
CLASSIFICATION (CORRECTION)

KLASSIFIKATION (KORR.)
H04N-007/0420060101ALI20051201BHEP

20060118 EP/RIC1-A
CLASSIFICATION (CORRECTION)
KLASSIFIKATION (KORR.)
H04N-005/7620060101ALI20051201BHEP

20060412 EP/17P-A [+]
REQUEST FOR EXAMINATION FILED
PRUEFUNGSANTRAG GESTELLT
EFFECTIVE DATE: 20060213

Update Code :

2006-15

25 / 821 INPADOC - ©INPADOC

Patent Number :

JP 3725192 B2 20051207 [JP3725192]

Application Details :

JP 327805/94-A 19941228 [1994JP-0327805]

Priority Details :

JP 327805/94-A 19941228 [1994JP-0327805]
JP 335165/93-A 19931228 [1993JP-0335165]
JP 22191/94-A 19940120 [1994JP-0022191]
JP 104879/94-A 19940418 [1994JP-0104879]
JP 156089/94-A 19940707 [1994JP-0156089]
JP 299508/94-A 19941202 [1994JP-0299508]

Intl. Patent Class. :

G11B-007/007; G11B-007/24; G11B-007/26; G11B-020/10

No Data Indicator :

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LEVEL 1 - 1 PATENT

1. 5807640 , September 15, 1998 , Optical recording medium, reproducing system, method of reproducing optical disk, method of fabricating optical disk original record, and method of stopping illegal program operation, Ueno, Fumiaki - Hirakata, Japan (JP); Oshima, Mitsuaki - Kyoto, Japan (JP), 507495 (08), August 28, 1995 - ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS)., MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. 1006 OAZA KADOMA, KADOMA-SHIOSAKA 571, (1), Reel and Frame Number: 007701/0830, Matsushita Electric Industrial Co., Ltd., Osaka, Japan (JP), Foreign company or corporation (03)

CORE TERMS: optical, disk, reproducing, recording, duplication, eye, digital, recorded, original record, amplitude ...

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

5807640

September 15, 1998

Optical recording medium, reproducing system, method of
reproducing optical disk, method of fabricating optical disk
original record, and method of stopping illegal program
operation

REISSUE: June 10, 2002 - Reissue Application filed Ex. Gp.: 1774; Re. S.N.
10/166,015 (O.G. August 27, 2002)
September 15, 2000 - Reissue Application filed Ex. Gp.: 1774; Re. S.N.
09/664,434 (O.G. July 31, 2001)

APPL-NO: 507495 (08)

FILED-DATE: August 28, 1995

GRANTED-DATE: September 15, 1998

CORE TERMS: optical, disk, reproducing, recording, duplication, eye, digital,
recorded, original record, amplitude ...

5807640 OR 5,807,640

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